

Abstract

A mechanism and method for generating lift with the Bernoulli Effect. A pair of cylindrical impellers create a pair of counter rotating forced linear vortices. Fast moving, low pressure air surrounding the forced vortices comes into contact with the upper sides of semicylindrical lifting surfaces. Higher pressure, slower moving air is in contact with the lower sides of the lifting surfaces. The velocity differentials between the upper and lower sides of the lifting surfaces cause a pressure differential that produces lift.

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